

MODULATION BY PHASE AND TIME SHIFT KEYING  
AND METHOD OF USING THE SAME

ABSTRACT OF THE DISCLOSURE

The present invention provides for a propagated signal modulated by phase and time shift keying and a method of using the same. In one embodiment the propagated signal includes: (1) a period of time spanned by a pulse, the period of time divided into a group of time slots, each of the time slots having a unique phase/time position; and (2) the pulse encoding a data element by the phase/time position.

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